

Application No. 10/810,366
Amendment dated April 19, 2006
Reply to Office Action of February 13, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (currently amended). A winder apparatus for winding webs of material into rolls, comprising:

a conveyor for serially conveying said web webs of material;
a selectively indexable turret having a plurality of winding spindles thereon, said turret being indexable to position each one of said spindles in a transfer position in operative association with said conveyor for initiating winding of each one of said webs of material on the a respective one of said spindles in said transfer position; and

a transfer brush assembly positionable in operative association with said conveyor, said brush assembly being engageable with each said one or of said webs of material for transferring said one of said webs ~~into~~ onto the respective one of said spindles in said transfer position, [.]

wherein said brush assembly comprises at least one rotatable brush wheel, said rotatable brush wheel rotating in a direction opposite to that direction in which said one of said webs is conveyed by said conveyor.

Claim 2 (cancelled).

Claim 3 (cancelled).

Claim 4 (original). A winder apparatus in accordance with claim 1, wherein:

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said brush assembly comprises a plurality of generally circular brush wheels rotatable together about an axis extending transversely of said conveyor.

Claim 5 (original). A winder apparatus in accordance with claim 4, wherein:

said apparatus includes a plurality of guide fingers positionable generally about said one of said spindles in said transfer position,

said plurality of brush wheels being spaced apart and each positioned between a respective adjacent pair of said guide fingers.

Claim 6 (original). A winder apparatus in accordance with claim 5, wherein:

said brush assembly and said guide fingers are mounted on a frame for movement together relative to the one of said spindles in said transfer position.

Claim 7 (currently amended). A winder apparatus for winding webs of material into rolls, comprising:

a conveyor for serially conveying said webs of material;

an indexable turret having a plurality of winding spindles thereon, said turret being indexable to position each one of said spindles in a transfer position in operative association with and generally transversely of said conveyor for initiating winding of each one of said webs of material on the a respective one of said spindles in said transfer position; and

a transfer brush assembly positionable in operative association with said conveyor generally transversely thereof,

said transfer brush assembly including at least one rotatable brush wheel rotatable in a direction opposite to that direction in which said webs of material are conveyed,

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said brush wheel being engageable with each one of said webs of material for transferring each said one of said webs of material onto said respective one of said spindles in said transfer position.

Claim 8 (original). A winder apparatus in accordance with claim 7, wherein:

said brush wheel is engageable with said one of said spindles in said transfer position.

Claim 9 (original). A winder apparatus in accordance with claim 7, wherein:

said transfer brush assembly includes a plurality of said rotatable brush wheels.

Claim 10 (original). A winder apparatus in accordance with claim 9, wherein:

said apparatus includes a plurality of guide fingers positionable generally about said one of said spindles in said transfer position, said plurality of brush wheels being spaced apart and each positioned between a respective pair of said guide fingers,

said apparatus including a movable frame of which said guide fingers and said transfer brush assembly are mounted for movement together relative to the one of said spindles in said transfer position.

Claim 11 (original). A winder apparatus in accordance with claim 7, wherein:

each of said spindles defines a plurality of air passageways at the periphery thereof.

Claim 12 (original). A winder apparatus in accordance with claim 7, including:

a support roll positioned beneath said conveyor for cooperation with said brush assembly to facilitate transfer of each of said webs.

Claim 13 (new). A winder apparatus for winding webs of material into rolls, comprising:
a conveyor for serially conveying said webs of material;

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a selectively indexable turret having a plurality of winding spindles thereon, said turret being indexable to position each one of said spindles in a transfer position in operative association with said conveyor for initiating winding of each one of said webs of material on a respective one of said spindles in said transfer position; and

a transfer brush assembly positionable in operative association with said conveyor, said brush assembly being engageable with said each one of said webs of material for transferring said one of said webs onto the respective one of said spindles in said transfer position,

wherein said brush assembly comprises a plurality of generally circular brush wheels rotatable together about an axis extending transversely of said conveyor, and

said apparatus including a plurality of guide finders positionable generally about said one of said spindles in said transfer position,

said plurality of brush wheels being spaced apart and each positioned between a respective adjacent pair of said guide fingers.

Claim 14 (new). A winder apparatus in accordance with claim 13, wherein:
said brush assembly and said guide fingers are mounted on a frame for movement together relative to the one of said spindles in said transfer position.